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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration  
Submitted With Initial  
Filing OR ☒ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number CL1506 US NA

First Name and Inventor BENNETT, ET AL.

**COMPLETE IF KNOWN**

Application Number 09/712,673

Filing Date NOVEMBER 14, 2000

Group Art Unit 1713

Examiner Name UNKNOWN

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

COPOLYMERIZATION OF ETHYLENE AND DIENES

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 11/14/2000 as United States Application Number or PCT International

Application Number 09/712,673 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/166,416	11/19/1999	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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PTO/SB/01 (10-00)

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## DECLARATION — Utility or D sign Pat nt Application

Direct all correspondence to: ☒ Customer Number or Bar Code Label



23906

PATENT TRADEMARK OFFICE

OR ☐ Correspondence address below

Name

Address

Address

City

State

ZIP

19803

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☒ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) ALISON MARGARET ANNE

Family Name or Surname

BENNETT

Inventor's  
Signature

*Alison Margaret Anne Bennett*

Date

*2/12/2001*

Residence: City

WILMINGTON

State

DELAWARE

Country

USA

Citizenship

BRITISH

Mailing Address 507 FALKIRK ROAD

Mailing Address

City

WILMINGTON

State

DELAWARE

ZIP

19803

Country

USA

NAME OF SECOND INVENTOR:

☒ A petition has been filed for this unsigned inventor

Given Name

(first and middle [if any]) ELIZABETH FORRESTER

Family Name or Surname

MCCORD

Inventor's  
Signature

*Elizabeth Forrester McCord*

Date

*1/26/2001*

Residence: City

HOCKESSIN

State

DELAWARE

Country

USA

Citizenship

USA

Mailing Address 514 HEMLOCK DRIVE

Mailing Address

City

HOCKESSIN

State

DELAWARE

ZIP

19707

Country

USA

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.



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# **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

<b>Applicati n Number</b>	09/712,673
<b>Filing Dat</b>	NOVEMBER 14, 2000
<b>First Named Inventor</b>	BENNETT, ET AL.
<b>Group Art Unit</b>	1713
<b>Examiner Name</b>	UNKNOWN
<b>Attorney Docket Number</b>	CL1506 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906

OR

☐ Practitioner(s) named below:



Name	Registration Number
BART E. LERMAN	31,897
CRAIG H. EVANS	31,825

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Firm or  
 Individual Name

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Address

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State

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Country

Telephone

Fax

I am the:

☒ Applicant/Inventor

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

## **SIGNATURE of Applicant or Assignee of Record**

Name Elizabeth Forrester McCord

Signature

*Elizabeth Forrester McCord*

Date

11/26/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 2 forms are submitted.

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# **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

<b>Applicati n Number</b>	09/712,673
<b>Filing Date</b>	NOVEMBER 14, 2000
<b>First Nam d Inventor</b>	BENNETT, ET AL.
<b>Group Art Unit</b>	1713
<b>Examiner Name</b>	UNKNOWN
<b>Attorney Docket Number</b>	CL1506 US NA

I hereby appoint:

☒ Practitioners at Customer Number

23906

OR

☐ Practitioner(s) named below:



Name	Registration Number
BART E. LERMAN	31,897
CRAIG H. EVANS	31,825

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

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I am the:

☒ Applicant/Inventor

☐ Assignee of record of the entire interest. See 37 CFR 3.71.

*Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*

## **SIGNATURE of Applicant or Assignee of Record**

Name Alison Margaret Anne Bennett

Signature

*Alison Margaret Anne Bennett*

Date

*2/12/2001*

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 2 forms are submitted.

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LMH  
12/01



cc: Joel Citron -  
Marked  
6-14-011

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 07, 2001

PTAS

E.I. DU PONT DE NEMOURS AND COMPANY  
BART E. LERMAN  
LEGAL PATENTS  
1007 MARKET STREET  
WILMINGTON, DE 19898



\*101668086A\*

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JUN 12 2001

CL-1506 us NA

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/19/2001

REEL/FRAME: 011637/0475  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

✓ BENNETT, ALISON MARGARET ANNE

DOC DATE: 02/12/2001

ASSIGNOR:

✓ MCCORD, ELIZABETH FORRESTER

DOC DATE: 01/26/2001

ASSIGNEE:

E.I. DU PONT DE NEMOURS AND  
COMPANY  
LEGAL PATENTS 1007 MARKET STREET  
WILMINGTON, DELAWARE 19898

SERIAL NUMBER: 09712673  
PATENT NUMBER:

FILING DATE: 11/14/2000  
ISSUE DATE:

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

04-04-2001

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Pa



101668086

Not original documents or copy thereof

## 1. Submission Type:

- ☒ New
- ☐ Resubmission (Non-Recordation)  
Document ID# \_\_\_\_\_
- ☐ Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
- ☐ Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Data Element in Question : \_\_\_\_\_

## 2. Conveyance Type:

- ☒ Assignment
- ☐ License
- ☐ Merger
- ☐ Security Agreement
- ☐ Change of Name
- ☐ Other \_\_\_\_\_

U.S. GOVERNMENT

(For Use ONLY by U.S. Government Agencies)

- ☐ Departmental File ☐ Secret File

Total No. of pages of conveyance document including attachments \_\_\_\_\_

## 4. Name of conveying party(ies):

<sup>1</sup>Bennett, Alison Margaret Anne

<sup>2</sup>McCord, Elizabeth Forrester

Additional name(s) of conveying party(ies) attached?: ☐ Yes ☒ NoExecution Date: <sup>1</sup>2/12/2001 <sup>2</sup>1/26/2001

## 5. Name and address of receiving party(ies):

**E. I. DU PONT DE NEMOURS AND COMPANY**  
**LEGAL PATENTS**  
**1007 MARKET STREET**  
**WILMINGTON, DELAWARE 19898**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/712,673

Docket No.: CL-1506 US NA

B. Patent No.(s):

Additional numbers attached: ☐ Yes ☒ No

## 6. Correspondent Name &amp; Address:

**BART E. LERMAN**  
**E. I. DU PONT DE NEMOURS AND COMPANY**  
**LEGAL-PATENTS**  
**1007 MARKET STREET**  
**WILMINGTON, DELAWARE 19898**

7. Total number of applications and patents involved: 1

## 8. Total fee (37 CFR 3.41) ..... \$40.00

- ☐ Enclosed (Check No.: \_\_\_\_\_)
- ☒ Authorized to be charged to deposit account

9. Deposit account number: 04-1928  
(Attach duplicate copy of this page if paying by deposit account)

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## 10. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**CAROL REEDER**  
**SENIOR LEGAL CLERK**

Signature

Date

Total number of pages comprising cover sheet: 1

/CA/PA01 00000025 041928 09712673

FC:581

40.00 CH

## ASSIGNMENT

We, the undersigned

**ALISON MARGARET ANNE BENNETT and ELIZABETH FORRESTER MCCORD**

Hereby declare that

We are the true and first inventors of an invention entitled

### **COPOLYMERIZATION OF ETHYLENE AND DIENES**

(which is identified as Case Number **CL1506 US NA**) and which is disclosed in an application for Letters Patent in the United States of America., executed the

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto **E. I. du Pont de Nemours and Company**, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

We further authorize our attorney/patent agent to insert below\* the application number and filing date of the aforesaid United States application now identified as Case Number **CL1506 US NA** after the same shall have been made known to him/her by the United States Patent Office.

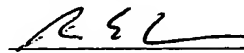
  
**ALISON MARGARET ANNE BENNETT**

DATE: 2/12/2001

  
**ELIZABETH FORRESTER MCCORD**

DATE: 1/26/2001

\*The application referred to above as Case Number **CL1506 US NA** was filed in the United States Patent Office on November 14, 20 00, and was given Application No. 09/712,673.  
This insertion made by me this 13th day of February, 20 01.

  
**BART E. LERMAN**  
ATTORNEY/PATENT AGENT FOR APPLICANTS  
Registration No.: 31,897  
Telephone: 302-992-5285  
Facsimile: 302-992-2953